

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Via Fax 571-273-8300

In re Application of: O'Lenick

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Examiner: Meller, Michael V.

APR 14 2006

Group Art Unit: 1655

Serial No: 10/600,251

Filed: 06/23/2003

**Title: Cranberry Amido Amines and Betaines as a Delivery System for Natural
Antioxidants**

Honorable Commissioner
Patents and Trademarks
P.O. Box 1450
Alexandria Va.

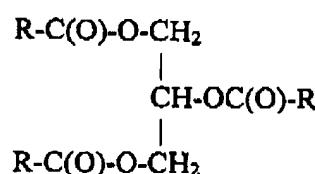
Sir:

Please enter the following amendment in response to the restriction requirement dated
4/11/2006.

AMENDMENT UNDER 37 CFR 1.111

Applicant respectfully traverses the rejection and contends that the application painstakingly describes cold pressed cranberry oil as:

[015] Cold Pressed Cranberry Oil is a triglyceride conforming to the following structure:



[016] The R-C(O)- group has the following composition:

<u>Component</u>	<u>% Weight</u>
16:0 palmitic	5.0 to 6.0
18:0 stearic	1.0 to 2.0
18:1 oleic	20 to 25
18:2 linoleic	35 to 40
18:3 linolenic (alpha)	30 to 35
20:0 arachidic	0.13
20:1 gadoleic	0.20
20:5 (n-3)	0.32
22:2	1.1
Myristic	0.01
Pentadecanoic	0.02
Palmitoleic (trans)	0.13
Palmitoleic (cis)	0.08
10-heptadecanoic	0.03
Gamma linolenic	0.1 to 0.2

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Nonadecanoic	0.1 to 0.2
11-transeicosenic	0.22
11, 14 eicosandienoic	0.1
11, 14, 17 eicosatrienoic	0.01
Eicosapentaenoic	0.01
Behenic	0.03
Erucic	0.02
Docosapentaenoic	0.01
Tricosanoic	0.01
Lignoceric	0.02
Nervonic	0.02

[017] The oil also contains the following very critical "active" components for skin and hair care:

<u>Compound</u>	<u>mg/kg</u>
Campesterol/brassicasterol (mg/kg)	66.0
Stigmasterol (mg/kg)	68.0
Beta-sitosterol (mg/kg)	1319.0
Phosphatidylinositol (mg/kg)	9.9
Phosphatidylcholine (mg/kg)	202.0
Alpha-tocopherol (mg/kg)	341.0
Gamma-tocopherol (mg/kg)	110.0

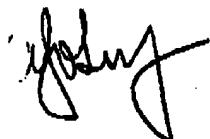
[018] When the oil is exposed to steam strip and solvent extraction the concentration of the "active" components drops to vanishingly small levels and the activity is lost.
(emphasis added)

[1019] As can be seen, the cold pressed cranberry seed oil is a rich source of compounds having important properties when applied to hair and skin. (emphasis added)

Applicant respectfully contends that the language saying R is derived from cold pressed cranberry seed oil has proper antecedent basis and complies with 35 USC 112. The alkyl chain and the other listed elements are present in cold pressed cranberry oil.

Applicant respectfully requests reconsideration of the claims as amended and anxiously awaits a early *Notice of Allowance* of the claims

Respectfully submitted:



Anthony J. O'Lenick, Jr.
Applicant
April 14, 2006
2170 Luke Edwards Road
Dacula, Ga. 30019